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Seismic Imaging. Novel use of advanced seismic imaging technology and workflows in a thrusted geologic regimen.

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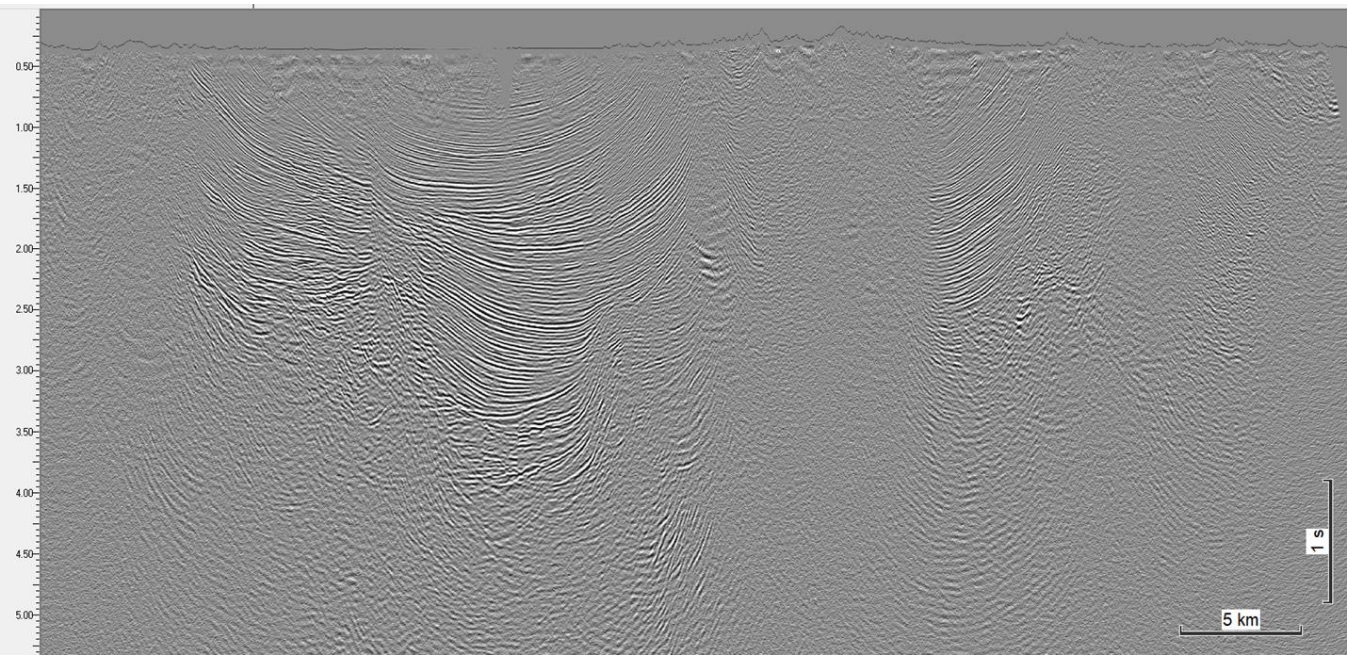
Summary: Talk with take us through a complete workflow and application of advanced imaging technologies to vastly improve on the subsurface imaging of existing legacy data in a complicated geologic regime.

In older legacy datasets with poor support data in areas of extremely poor S:N you can struggle to even understand if there are geometry related issues versus lack of signal. The logistics of this is the first issue that needs to be resolved before worrying about the rest of the workflow. Once this is solved the key differentiator in imaging is a robust velocity model building workflow coupled with advanced imaging algorithms with little to no well information. The use of RTM velocity scans vastly improved the imaging in areas which previously showed no reliable signal.

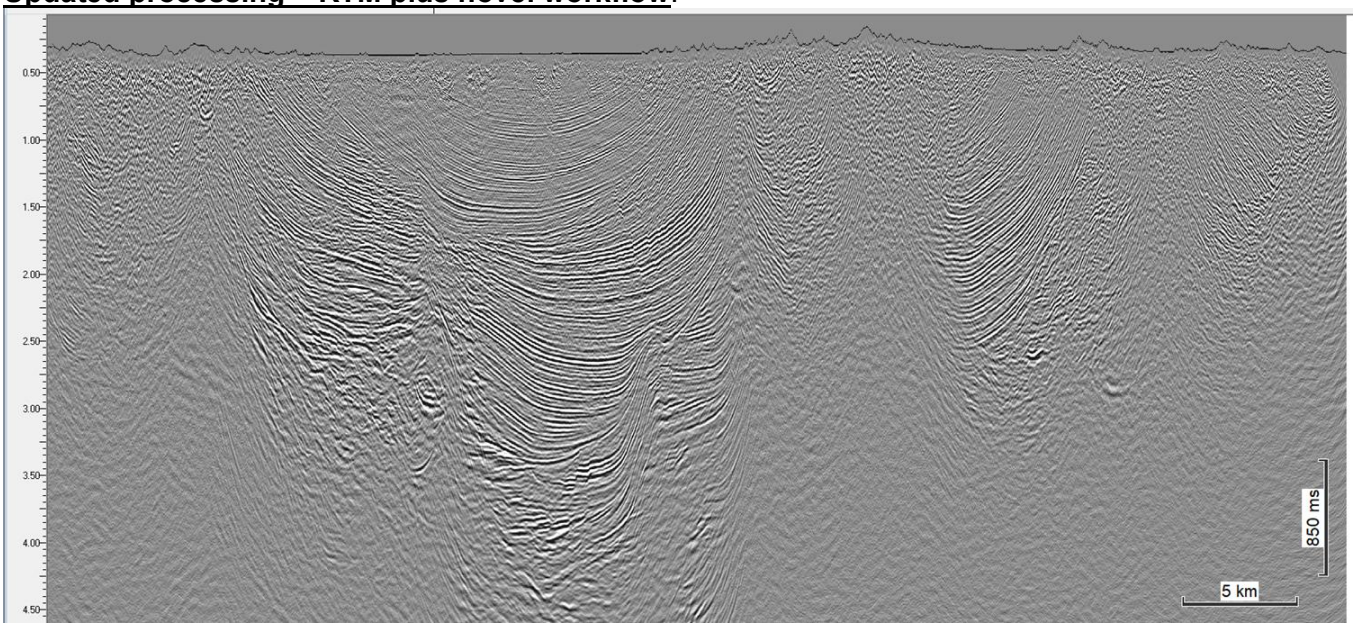
Results, Observations, Conclusions

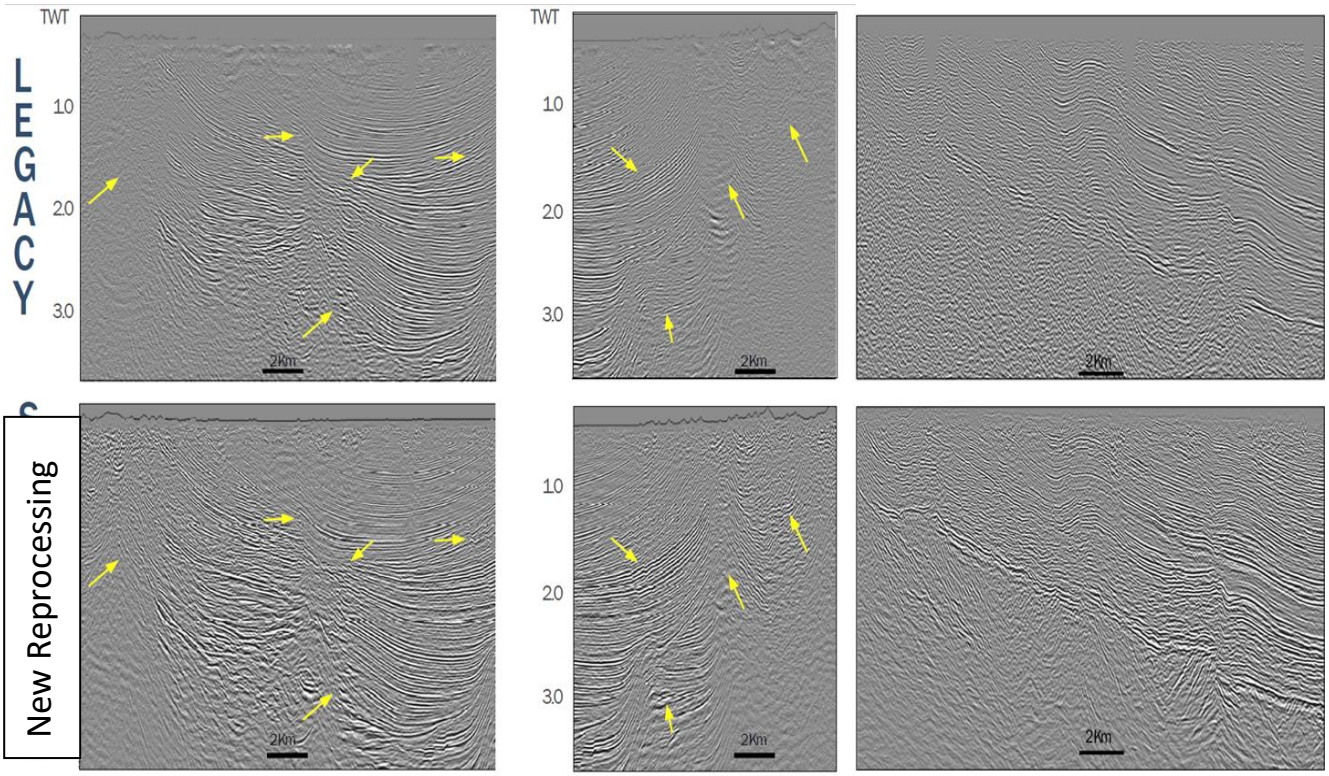
Utilizing latest technologies for structural imaging combined with a novel workflow allows us to significantly improve the imaging and geologic understanding of in areas of extremely poor signal to noise and thrusted geology.

Legacy Data – last processed in 2013



Updated processing – RTM plus novel workflow.





Acknowledgements

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